

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER No. 81-52

ORDER REQUIRING THE VALLEJO SANITATION AND FLOOD
CONTROL DISTRICT TO CEASE AND DESIST FROM
DISCHARGING WASTES CONTRARY TO REQUIREMENTS
PRESCRIBED BY THE CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD, SAN FRANCISCO BAY REGION AND
RESCINDING CEASE AND DESIST ORDER 80-32

The California Regional Water Quality Control Board, San Francisco Bay
Region, (hereinafter Board) finds:

1. The Vallejo Sanitation and Flood Control District, hereinafter referred to as the discharger, owns and operates a physical-chemical wastewater treatment plant located in Vallejo. The plant treats municipal and industrial wastewater from the Vallejo area and discharges the treated wastewater to Carquinez Strait, a water of the United States.
2. The Board, on June 20, 1978, adopted Order No. 78-44 (NPDES Permit No. CA0037099) re-issuing waste discharge requirements to the District and establishing a compliance time schedule to require full compliance with the effluent limitations and all other provisions of the Permit by October 1, 1978.
3. The Executive Officer, on October 4, 1979, issued Cleanup and Abatement Order 79-012 requiring full compliance by February 1, 1980.
4. The Board, on June 17, 1980, adopted Cease and Desist Order 80-32 establishing a detailed time schedule for specific testing and equipment improvements. Test data obtained in June 1981 indicated that permit limits for BOD cannot be met with the facility modifications made pursuant to the time schedule.
5. The discharger has violated the following effluent limitations contained in Order 78-44:

"A. Effluent Limitations

1. The discharge of Waste 001 in excess of the following limits is prohibited:

<u>Constituents</u>	<u>Units</u>				
		<u>7-day</u> <u>Average</u>	<u>30-Day</u> <u>Average</u>	<u>Maximum</u> <u>Daily</u> ^{2/}	<u>Instantaneous</u> <u>Maximum</u>
a. Settleable					
Matter	ml/l-hr	-	-	-	0.2

<u>Constituents</u>	<u>Units</u>	<u>7-day Average</u>	<u>30-day^{1/} Average</u>	<u>Maximum Daily^{2/}</u>	<u>Instantaneous Maximum</u>
b. BOD	mg/l	45	30	60	-
	lbs/day -	-	4260	-	-
	kg/day -	-	1930	-	-
c. Suspended Solids	mg/l		30	60	-
	lbs/day -				-
	kg/day -				-
...					
e. Chlorine Residual	mg/l	-	-	-	0.0

^{1/}Mass emission rates based on a average monthly flow of 17 mgd.

^{2/}Mass emission rates based on a maximum daily flow of 34 mgd.

2. The arithmetic mean of the biochemical oxygen demand (5-day, 20°C) by weight, for effluent samples collected in a period of 30 consecutive calendar days shall not exceed 15 percent of the arithmetic mean of the respective values, by weight, for the influent samples collected approximately the same times during the same period (85 percent removal).

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4. In any representative set of samples from the treatment plants before dilution, the waste as discharged shall meet the following limit of quality:

TOXICITY:

The survival of test organisms acceptable to the Board in 96-hour bioassays of the effluent shall achieve a 90 percentile value of not less than 50% survival.

...

6. The median value of the MPN of total coliform in any five (5) consecutive effluent samples shall not exceed 240 coliform organisms per 100 milliliters. Any single sample shall not exceed 10,000 MPN/100 ml when verified by a repeat sample taken within 48 hours."
6. The discharger has submitted a revised time schedule to convert the existing physical-chemical plant to a biological plant, thereby achieving permit compliance and reducing the plant's high operation and maintenance costs. The schedule includes pilot work prior to final design to help assure that any new facilities will meet requirements.

7. Said discharge has adversely affected and threatens to continue to adversely affect water quality in waters of the State.
8. The Board finds that this action is an order to enforce waste discharge requirements previously adopted by the Board. This action is therefore categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Section 15121 of the Resources Agency Guidelines.
9. On September 16, 1981, the California Regional Water Quality Control Board, San Francisco Bay Region, after due notice, held a public hearing under the provisions of Water Code Section 13301, regarding the discharge of waste and pollutants by the Vallejo Sanitation and Flood Control District.

IT IS HEREBY ORDERED THAT the discharger cease and desist from discharging wastes contrary to requirements contained in Order No. 78-44 and listed in Finding 5 of this Order. Compliance shall be achieved according to the following specifications:

- A. The discharger shall comply with Effluent Limitations A.1.a (settleable solids), A.1.b (BOD), A.1.c (suspended solids), A.1.e (chlorine residual), A.2 (85% removal), A.4 (toxicity) and A.6 (coliform) of Order No. 78-44 according to the following time schedule:

<u>Task</u>	<u>Report of Compliance Due</u>
1. Complete pilot study	December 15, 1981
2. Begin plant modification design	December 1, 1981
3. Complete design	June 15, 1982
4. Award Construction Contract	September 30, 1982
5. Submit Construction Progress Report	April 30, 1983

B. Provisions

1. The discharger is required to submit all the reports on progress toward compliance with this Order under penalty of perjury. If non-compliance or threatened non-compliance is reported, the reasons for non-compliance and an estimated compliance date shall be reported.

2. If the Executive Officer finds that the discharger has failed to comply with the provisions of this Order, he is authorized, after approval of the Board chairman, to request the Attorney General to take the appropriate enforcement action against the discharger, including injunction and civil monetary remedies, if appropriate, or to schedule another Cease and Desist Order hearing to consider a restriction on additional connections.
3. If the Executive Officer determines that the provisions of this Order are violated and does not refer the matter to the Attorney General, he is instructed to report to the Board the reasons that the discharger has been unable to comply with the provisions of this Order.
4. Cease and Desist Order 80-32 and Cleanup and Abatement Order 79-012 are hereby rescinded.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on September 16, 1981.

FRED H. DIERKER
Executive Officer